S TOO E	U.S. Pate	PTO/SB/21 (08-03) Approved for use through 08/30/2003. OMB 0651-0031 ent and Trademark Office; U.S. DEPARTMENT OF COMMERCE		
Mer the Paperwork Reduction Act of 1995, no pe	Application Number	tion of information unless it displays a valid OMB control number. 10/618,515		
TRANSMITTAL	Filing Date	July 11, 2003		
FORM	First Named Inventor	VERSAS ET AL.		
(to be used for all correspondence after initial filing)	Art Unit	TBD		
	Examiner Name	тво		
Total Number of Pages in This Submission	Attorney Docket Number	H0004851		
E	NCLOSURES (Check all the	at apply)		
Centitled Copy of Priority	Drawing(s)  Licensing-related Papers  Petition  Petition to Convert to a Provisional Application Power of Attorney, Revocation Change of Correspondence Add Terminal Disclaimer  Request for Refund  CD, Number of CD(s)  emarks  turn Post Card	After Allowance communication to Technology Center (TC)  Appeal Communication to Board of Appeals and Interferences Appeal Communication to TC (Appeal Notice, Brief, Reply Brief)  Proprietary Information  Status Letter  Other Enclosure(s) (please Identify below):		
·	E OF APPLICANT, ATTOR	NEY, OR AGENT		
Firm Ephraim Starr, Division General Honeywell International Inc.	Il Counsel			
Signature				
Date	Oct 9, 2003			
CERT	IFICATE OF TRANSMISSIO	N/MAILING		
		or deposited with the United States Postal Service with atents, P.O. Box 1450, Alexandria, VA 22313-1450 on		
Signature		Date 007 10 2003		
This collection of information is required/by 37 CFR 1.5.	The information is required to obtain or re	tain a benefit by the public which is to file (and by the USPTO to		

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE In the united states patent and trademark office In the united states patent and trademark office Docket No: H0004851 Vrbas et al. For: NON-AXISYMMETRIC DESWIRL VANES FOR TWO STAGE (LOW SPEED) Occupation of: Occu

Serial No.: 10/618515

Filed: July 11, 2003

## INFORMATION DISCLOSURE STATEMENT

Examiner: To be assigned

Hon. Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Hon. Commissioner:

COMPRESSOR

In accordance with the duty of disclosure under 37 C.F.R. §1.56 and pursuant to 37 C.F.R. §1.98, Applicants hereby notify the U.S. Patent of the documents listed below and identified on the attached form PTO/SB/08 for review by the Examiner during the examination of the above referenced application. Copies of the documents are provided for the Examiner's use.

The present Information Disclosure Statement is being filed (1) no later than three months from the application's filing date or (2) before the mailing date of the first Office Action on the merits (whichever is later), and therefore no certification under 37 C.F.R. §1.97(e) or fee under 37 C.F.R. §1.17 (p) is required.

CERTIFICATE OF MAILING UNDER 37 C.F.R. §1.8

I hereby certify that this correspondence is being deposited with the United States Postal Service as First Class mail in an envelope addressed to Assistant Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on

Wilson (Date)

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U.S. PATENT DOCUMENTS				
US PATENT NUMBER	DATE	NAME OF INVENTOR	NAME OF INVENTOR	
4815935	03/28/1989	Gottemoller		
2419669	04/29/1947	Birmann		
3986791	10/19/1976	Paciga et al.		
4251183	02/17/1981	Liu et al.		
4344737	08/17/1982	Liu		
5344285	09/06/1994	O'sullivan et al.		
5722813	03/03/1998	Li et al.		
6062028	05/16/2000	Arnold et al.		
6293103	09/25/2001	Gladden		
6301889	10/16/2001	Gladden et al.		
6345503	02/12/2002	Gladden		
6418723	07/16/2002	Gladden		

The submission of the listed documents is not intended as an admission that any such document constitutes prior art against the claims of the present application. Applicants do not waive any right to take any action that would be appropriate to antedate or otherwise remove any listed document as a competent reference against the claims of the present application.

Applicants respectfully request that the listed documents be considered by the Examiner and be made of record in the present application and that an initialed copy of the Form PTO/SB/08 be returned in accordance with MPEP §609.

Respectfully submitted,

Ephraim Starr Reg. No. 41,325

Attorney for Applicants

Date: 0ct. 9, 2003
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PTO/SB/08A (08-03)

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Substitute for form 1449/PTO

Sheet 1

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Complete if Known				
Application Number	10/618515			
Filing Date	July 11, 2003			
First Named Inventor	Vrbas et al.			
Art Unit	TBD			
Examiner Name	TBD			
Attorney Docket Number	H0004851			

			U. S. PATENT	DOCUMENTS	
Examiner Initials*	Cite No.1	Document Number  Number-Kind Code <sup>2 (# known)</sup>	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		US- 4815935	03/28/1989	Gottemoller	· · · · · · · · · · · · · · · · · · ·
		<sup>US-</sup> 2419669	04/29/1947	Birmann	
		US- 3986791	10/19/1976	Paciga et al.	
		<sup>US-</sup> 4251183	02/17/1981	Liu et al.	
		<sup>US-</sup> 4344737	08/17/1982	Liu	
		<sup>US-</sup> 6418723	07/16/2002	Gladden	
		<sup>US-</sup> 5344285	09/06/1994	O'Sullivan et al.	
		US- 5722813	03/03/1998	Li et al.	
		<sup>US-</sup> 6062028	05/16/2000	Arnold et al.	
		<sup>US-</sup> 6293103	09/25/2001	Gladden	
		<sup>US-</sup> 6301889	10/16/2001	Gladden et al.	
		<sup>US-</sup> 6345503	02/12/2002	Gladden	
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FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No.1	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages	Γ
		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)	MM-DD-YYYY		Or Relevant Figures Appear	T
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Examiner	Date		Т
Signature	Considered		
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. Applicant's unique citation designation number (optional). See Kinds Codes of USPTO Patent Documents at <a href="https://www.uspto.gov">www.uspto.gov</a> or MPEP 901.04. Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.